

**FACILE SYNTHESIS OF 1,9-DIACYLDIPYRRROMETHANES****Abstract of the Disclosure**

5           The present invention provides a method of making a metal complex. The method comprises the steps of: (a) acylating a dipyrromethane or a 1-monoacyldipyrromethane to form a mixed reaction product comprising a 1,9-diacyldipyrromethane; (b) combining the reaction product with a compound of the formula  $R_2MX_2$  in the presence of a base, where R is alkyl or aryl, M is Sn, Si, Ge, or  
10 Pb (preferably Sn), and X is halo, OAc, acac, or OTf, to form a product comprising a metal complex of the formula  $DMR_2$  in the mixed reaction product, wherein D is a 1,9-diacyldipyrromethane; and then (c) separating the metal complex from the mixed reaction product. The method may be utilized for the convenient synthesis and separation of 1,9-diacyldipyrromethanes. Metal complex intermediates useful in such  
15 methods are also described.